



**Billing Code 4310–55**

## **DEPARTMENT OF THE INTERIOR**

### **Fish and Wildlife Service**

**[FWS–R8–ES–2012–N205]**

**[FXES11130800000–123–FF08E00000]**

### **Endangered Species Recovery Permit Applications**

**AGENCY:** Fish and Wildlife Service, Interior.

**ACTION:** Notice of receipt of permit applications; request for comment.

**SUMMARY:** We, the U.S. Fish and Wildlife Service, invite the public to comment on the following applications to conduct certain activities with endangered species. With some exceptions, the Endangered Species Act (Act) prohibits activities with endangered and threatened species unless a Federal permit allows such activity. The Act also requires that we invite public comment before issuing these permits.

**DATES:** Comments on these permit applications must be received on or before [INSERT DATE 30 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER].

**ADDRESSES:** Written data or comments should be submitted to the Endangered Species Program Manager, U.S. Fish and Wildlife Service, Region 8, 2800 Cottage Way, Room W-2606, Sacramento, CA 95825 (telephone: 916-414-6464; fax: 916-414-6486). Please refer to the respective permit number for each application when submitting comments.

**FOR FURTHER INFORMATION CONTACT:** Daniel Marquez, Fish and Wildlife Biologist; see **ADDRESSES** (telephone: 760-431-9440; fax: 760-431-9624).

**SUPPLEMENTARY INFORMATION:** The following applicants have applied for scientific research permits to conduct certain activities with endangered species under section 10(a)(1)(A) of the Act (16 U.S.C. 1531 et seq.). We seek review and comment from local, State, and Federal agencies and the public on the following permit requests.

**Applicant**

**Permit No. TE-78622A**

Applicant: Cornelius W. Bouscaren, San Marcos, California

The applicant requests a permit to take (harass by survey) the southwestern willow flycatcher (*Empidonax traillii extimus*) and take (monitor nests) the least Bell's vireo (*Vireo bellii pusillus*) in conjunction with surveys and population monitoring activities throughout the range of each species in California for the purpose of enhancing the species' survival.

**Permit No. TE-806679**

Applicant: Spring Rivers Ecological Sciences, Cassel, California

The applicant requests an amendment to a permit to take (capture, weigh, mark, voucher, collect tissue, relocate, and release) the Shasta crayfish (*Pacifastacus fortis*) in conjunction with survey and research activities throughout the range of each species in California for the purpose of enhancing the species' survival.

**Permit No. TE-78621A**

Applicant: Lauren E. Ross, Walnut Creek, California

The applicant requests a permit to take (capture, collect, and collect vouchers) the Conservancy fairy shrimp (*Branchinecta conservatio*), longhorn fairy shrimp (*Branchinecta longiantenna*), Riverside fairy shrimp (*Streptocephalus woottoni*), San Diego fairy shrimp (*Branchinecta sandiegonensis*), and vernal pool tadpole shrimp (*Lepidurus packardi*) in conjunction with survey activities throughout the range of each species in California for the purpose of enhancing the species' survival.

**Permit No. TE-035336**

Applicant: San Diego State University, San Diego, California

The applicant requests a permit to remove and reduce to possession from lands under Federal jurisdiction the *Amsinckia grandiflora* (large-flowered fiddleneck) in conjunction with propagation, restoration, and relocation activities in Contra Costa County, California, for the purpose of enhancing the species' survival.

**Permit No. TE-14231A**

Applicant: Caesara W. Brungraber, San Diego, California

The applicant requests an amendment to a permit to take (survey by pursuit) the Quino checkerspot butterfly (*Euphydryas editha quino*) in conjunction with survey activities throughout the range of the species in California for the purpose of enhancing the species' survival.

**Permit No. TE-79192A**

Applicant: Dallas R. Pugh, San Diego, California

The applicant requests a permit to take (survey by pursuit) the Quino checkerspot butterfly (*Euphydryas editha quino*) in conjunction with survey activities throughout the range of the species in California for the purpose of enhancing the species' survival.

**Permit No. TE-76005A**

Applicant: Tara Schoenwetter, Ventura, California

The applicant requests a permit to remove and reduce to possession from lands under Federal jurisdiction the *Deinandra increscens* subsp. *villosa* (Gaviota tarplant), *Cirsium loncholepis* (La Graciosa thistle), *Layia carnosa* (beach layia), *Nasturtium gambelii* (= *Rorippa* g.) (Gambel's watercress), *Arenaria paludicola* (Marsh sandwort), and *Eriodictyon capitatum* (Lompoc yerba santa) in conjunction with survey and plant collection activities at Vandenberg Air Force Base, Santa Barbara County, California, and Marine Corps Base Camp Pendleton in San Diego County, California; and take

(capture, collect, and collect vouchers) the Conservancy fairy shrimp (*Branchinecta conservatio*), longhorn fairy shrimp (*Branchinecta longiantenna*), Riverside fairy shrimp (*Streptocephalus woottoni*), San Diego fairy shrimp (*Branchinecta sandiegonensis*), and vernal pool tadpole shrimp (*Lepidurus packardii*) in conjunction with survey activities throughout the range of the species in California for the purpose of enhancing the species' survival.

**Permit No. TE-67570A**

Applicant: Brett A. Hanshew, Oakland, California

The applicant requests a permit to take (survey, capture, handle, and release) the California tiger salamander (Sonoma County Distinct Population Segment) (*Ambystoma californiense*) and California tiger salamander (Santa Barbara County Distinct Population Segment) (*Ambystoma californiense*) in conjunction with survey activities throughout the range of the species in California for the purpose of enhancing the species' survival.

**Permit No. TE-75988A**

Applicant: Michael Hagar, San Diego, California

The applicant requests a permit to remove and reduce to possession from lands under Federal jurisdiction the following plant species in conjunction with floristic surveys and botanical studies, and for conducting a herbarium program throughout the range of each species in California for the purpose of enhancing the species' survival:

*Acanthoscyphus parishii* var. *goodmaniana* (= *Oxytheca* p. var. g.) (Cushenbury oxytheca)

*Acmispon dendroideus* var. *traskiae* (= *Lotus* d. subsp. t.) (San Clemente Island)

broom)

*Allium munzii* (Munz's onion)

*Ambrosia pumila* (San Diego ambrosia)

*Arctostaphylos glandulosa* subsp. *crassifolia* (Del Mar manzanita)

*Arenaria paludicola* (Marsh sandwort)

*Astragalus albens* (Cushenbury milk-vetch)

*Astragalus brauntonii* (Braunton's milk-vetch)

*Astragalus lentiginosus* var. *coachellae* (Coachella Valley milk-vetch)

*Astragalus pycnostachyus* var. *lanosissimus* (Ventura Marsh milk-vetch)

*Astragalus tener* var. *titi* (coastal dunes milk-vetch)

*Astragalus tricarinatus* (triple-ribbed milk-vetch)

*Atriplex coronata* var. *notatior* (San Jacinto Valley crownscale)

*Berberis nevinii* (Nevin's barberry)

*Castilleja grisea* (San Clemente Island paintbrush)

*Cercocarpus traskiae* (Catalina Island mountain-mahogany)

*Chloropyron maritimum* subsp. *maritimum* (= *Cordylanthus maritimus* subsp. *maritimus*) (salt marsh bird's-beak)

*Chorizanthe orcuttiana* (Orcutt's spineflower)

*Delphinium variegatum* subsp. *kinkiense* (San Clemente Island larkspur)

*Dodecahema leptoceras* (= *Centrostegia l.*) (slender-horned spineflower)

*Eriastrum densifolium* subsp. *sanctorum* (Santa Ana River woolly-star)

*Eriogonum ovalifolium* var. *vineum* (cushenbury buckwheat)

*Eryngium aristulatum* var. *parishii* (San Diego button-celery)

*Fremontodendron mexicanum* (Mexican flannelbush)

*Lithophragma maximum* (San Clemente Island woodland-star)  
*Malacothamnus clementinus* (San Clemente Island bush-mallow)  
*Monardella viminea* (= *M. linoides* subsp. v.) (willowy monardella)  
*Orcuttia californica* (California Orcutt grass)  
*Pentachaeta lyonii* (Lyon's pentachaeta)  
*Physaria kingii* subsp. *bernardina* (San Bernardino Mountains bladderpod)  
*Poa atropurpurea* (San Bernardino bluegrass)  
*Pogogyne abramsii* (San Diego mesa-mint)  
*Pogogyne nudiuscula* (Otay mesa-mint)  
*Nasturtium gambelii* (= *Rorippa* g.) (Gambel's watercress)  
*Sibara filifolia* (Santa Cruz Island rockcress)  
*Sidalcea pedata* (pedate checker-mallow)  
*Taraxacum californicum* (California taraxacum)  
*Thelypodium stenopetalum* (slender-petaled mustard)

**Permit No. TE-38475A**

Applicant: Jeff M. Lemm, San Diego, California

The applicant requests an amendment to a permit to take (survey, capture, handle, collect, transport, hold in captivity, display for zoological exhibition, captive breed, apply hormonal treatments, collect and perform cryopreservation of sperm, release to the wild, and euthanize individuals that are sick or have no reasonable prospect of being reintroduced to the wild for research) the mountain yellow-legged frog (southern California Distinct Population Segment) (*Rana muscosa*) in conjunction with research,

captive breeding, and population monitoring activities throughout the range of the species in California for the purpose of enhancing the species' survival.

**Permit No. TE-195891**

Applicant: Justen Whittall, Santa Clara, California

The applicant requests an amendment to a permit to remove and reduce to possession from lands under Federal jurisdiction the *Erysimum teretifolium* (Ben Lomond wallflower) in conjunction with research activities in Santa Cruz County, California, for the purpose of enhancing the species' survival.

**Permit No. TE-54716A**

Applicant: Christine L. Harvey, San Diego, California

The applicant requests an amendment to a permit to take (harass by survey) the southwestern willow flycatcher (*Empidonax traillii extimus*) in conjunction with surveys throughout the range of the species in California for the purpose of enhancing the species' survival.

**Permit No. TE-034101**

Applicant: Naval Facilities Engineering Command Southwest, San Diego, California

The applicant requests an amendment to a permit to take (survey by pursuit) the Quino checkerspot butterfly (*Euphydryas editha quino*) in conjunction with survey activities throughout the range of the species in California for the purpose of enhancing the species' survival.



**Permit No. TE-76732A**

Applicant: Jennifer L. Kendrick, Encinitas, California

The applicant requests a permit to take (harass by survey) the southwestern willow flycatcher (*Empidonax traillii extimus*) in conjunction with surveys throughout the range of the species in California for the purpose of enhancing the species' survival.

**Permit No. TE-80553A**

Applicant: Aviva J. Rossi, San Anselmo, California

The applicant requests a permit to take (capture, collect, and collect vouchers) the Conservancy fairy shrimp (*Branchinecta conservatio*), longhorn fairy shrimp (*Branchinecta longiantenna*), Riverside fairy shrimp (*Streptocephalus woottoni*), San Diego fairy shrimp (*Branchinecta sandiegonensis*), and vernal pool tadpole shrimp (*Lepidurus packardi*) in conjunction with survey activities throughout the range of each species in California for the purpose of enhancing the species' survival.

**Public Comments**

We invite public review and comment on each of these recovery permit applications. Comments and materials we receive will be available for public inspection, by appointment, during normal business hours at the address listed in the ADDRESSES section of this notice.

Before including your address, phone number, e-mail address, or other personal identifying information in your comment, you should be aware that your entire

comment—including your personal identifying information—may be made publicly available at any time. While you can ask us in your comment to withhold your personal identifying information from public review, we cannot guarantee that we will be able to do so.

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**Regional Director,  
Pacific Southwest Region,  
Sacramento, California.**

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